





FIG. 2b

| Transform static high supply voltage level |
|---|
| into a static current |
| |
| Transform high-voltage input signal into |
| a proportional current signal |
| |
| Combine said static current and current signal |
| into a resluting current input signal |
| |
| Mirror said resulting current input signal |
| into a proportional current output signal -304 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Generate low voltage output signal |
| representing said current output signal 305 |
| \\\ |
| Perform differential transactions upon said |
| voltage output signal, in relation to given 306 |
| time steps |
| |
| Compare low voltage differentiated signal |
| with reference signal and generate a bit ~ 307 |
| signal output |
| Process said hit size is it is to be a |
| Process said bit signal within the digital |
| regulator part and generate output signal |
| Effect the company within the second |
| Effect the conversion within the digital- |
| to-analog converter block |
| Food costment of an all first is a second |
| Feed output signal from digital-to-analog 310 |
| converter as input to output driver |
| Close magazinatan laan willing |
| Close regulator loop with output signal |
| from output driver by feeding it back to -311 high voltage input signal |
| \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| Drive load with high voltage output from |
| output driver |
| |

FIG. 3